

Storm Data and Unusual Weather Phenomena - April 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Southeast				
ASHLEY COUNTY --- 2.2 E HAMBURG [33.23, -91.78]				
	04/24/10 05:10 CST		0	Hail (1.00 in)
	04/24/10 05:10 CST		0	Source: Public
ASHLEY COUNTY --- 2.4 W TRAFALGAR [33.35, -91.64]				
	04/24/10 05:29 CST		0	Hail (1.25 in)
	04/24/10 05:31 CST		0	Source: Law Enforcement
CHICOT COUNTY --- 0.3 NNW DERMOTT [33.52, -91.43]				
	04/24/10 05:40 CST		0	Thunderstorm Wind (EG 52 kt)
	04/24/10 05:40 CST		0	Source: Public
An estimated 60 mph wind gust was reported at Dermott.				
CHICOT COUNTY --- 0.2 WNW DERMOTT [33.52, -91.43]				
	04/24/10 05:44 CST		0	Hail (1.00 in)
	04/24/10 05:44 CST		0	Source: Public
ASHLEY COUNTY --- 2.4 WNW FOUNTAIN HILL [33.36, -91.92]				
	04/24/10 06:42 CST		0	Hail (1.50 in)
	04/24/10 06:44 CST		0	Source: Emergency Manager
Walnut sized hail was reported west of Fountain Hill.				
CHICOT COUNTY --- 0.9 NW DERMOTT [33.53, -91.44], 0.8 N DERMOTT [33.53, -91.43], 0.6 NNE DERMOTT [33.53, -91.43], 0.1 NE DERMOTT [33.52, -91.43], 0.6 WNW DERMOTT [33.52, -91.44]				
	04/24/10 07:38 CST		0.10M	Flood (due to Heavy Rain)
	04/24/10 10:00 CST		0	Source: Emergency Manager
Highway 35 west and streets in the city of Dermott were flooded. Traffic was routed around the city. Two and half feet of water was reported in the business district of Dermott and two feet of water was observed on Highway 35 west.				
A potent upper disturbance brought severe weather to extreme southeast Arkansas on the morning of the 24th. These storms produced walnut sized hail in Ashley County. These storms also produced 60 mph winds, and flash flooding with 2.5 feet of water around Dermott in Chicot County.				
LOUISIANA, Northeast				
MADISON COUNTY --- 1.1 NE BARNES [32.39, -91.12]				
	04/23/10 11:50 CST		0	Hail (1.00 in)
	04/23/10 11:50 CST		0	Source: Public
A potent weather disturbance brought showers and thunderstorms to the region. Some of these storms produced hail up to the size of quarters.				
MOREHOUSE COUNTY --- 0.9 NE NAFF [32.94, -91.91]				
	04/24/10 08:50 CST		0	Hail (1.50 in)
	04/24/10 08:50 CST		0	Source: Trained Spotter
Walnut sized hail was reported just northwest of Beekman.				
MADISON COUNTY --- 0.9 SE TALLULAH [32.41, -91.19]				
	04/24/10 10:15 CST		50K	Thunderstorm Wind (EG 53 kt)
	04/24/10 10:15 CST		0	Source: Law Enforcement

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Several trees were blown down across Tallulah. One tree was down through a house. This wind occurred from the rear flank downdraft of the supercell thunderstorm which produced the long track tornado just outside town.				
A potent upper disturbance brought severe weather to portions of northeast Louisiana on the morning of the 24th. These storms produced walnut sized hail in Morehouse Parish. This was also the day where an intense supercell thunderstorm produced the long track EF4 tornado, which started just west of Tallulah.				
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MADISON COUNTY --- 1.9 S QUEBEC [32.40, -91.30], 2.2 ENE TALLA BENA [32.50, -91.12]	04/24/10 10:09 CST		35M	Tornado (EF3, L: 12.35 mi , W: 1500 yd)
	04/24/10 10:25 CST	16	1M	Source: NWS Storm Survey

The start of the long-track violent tornado began around 6 miles west of Tallulah, just to the south of I-20. This tornado did not waste any time becoming strong and quite wide as it downed a few high tension truss towers on the south end of I-20. As the tornado crossed the interstate, a tractor-trailer was flipped over and thrown opposite of the initial traveling direction. The driver of the truck was injured as this occurred. The tornado then traveled quickly northeast and crossed Highway 80 and Willow Bayou Road, just to the northwest of Tallulah. Here, several homes were heavily damaged along with several vehicles and tractors damaged.

The tornado continued to the northeast and crossed Highway 65 and then tracked across the Mississippi River and into far northwest Warren County at Eagle Lake. This tornado destroyed a chemical plant near Highway 65 and the Mississippi River levee, in the community of Omega. A few rail cars were rolled off the track at this location and a large crane was flipped over and destroyed. Several storage tanks were severely damaged as well at this location.

The tornado produced mainly EF3 and EF2 damage across Madison Parish with maximum winds around 155 mph. Timber and power line damage along the path was substantial with dozens of power lines taken down along with thousands of trees snapped and uprooted.

During the midday hours of April 24th, an intense supercell thunderstorm produced a violent, long track tornado, which ripped a path across the center of the NWS Jackson, MS forecast area. This tornado touched down just south of I-20, west of Tallulah, in Madison Parish. The tornado intensified quickly and became large as it tracked at a fast pace to the northeast. The tornado moved at roughly 55 mph and was on the ground for 149 miles. The actual time on the ground was 2 hours and 44 minutes. The tornado touched 9 counties along it's path with the most significant damage occurring in Madison Parish, Warren, Yazoo, Holmes, Attala and Choctaw Counties. A great deal of the damage was in the EF2 and EF3 range with a couple locations of EF4 damage in Yazoo and Holmes Counties. Maximum winds peaked around 170 mph. Overall, 10 fatalities occurred along with 146 injuries. Five fatalities occurred in Choctaw County, 4 in Yazoo County and 1 in Holmes County.

This long track tornado ranks as the 4th longest in Mississippi history at 149 miles. It is the widest known tornado with a maximum width of 1.75 miles. It also ranks as the 9th deadliest tornado with 10 fatalities.

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Debris from a destroyed home off Willow Bayou Road, northwest of Tallulah, LA. Damage occurred from the April 24th, 2010, long-track EF-4 tornado. Photo courtesy of NWS Jackson, MS.

MISSISSIPPI, Central

BOLIVAR COUNTY --- 0.7 S CLEVELAND [33.74, -90.73]

04/03/10 01:52 CST	30K	Thunderstorm Wind (EG 60 kt)
04/03/10 01:52 CST	0	Source: Utility Company

A few power lines and power poles were blown down around Cleveland.

SUNFLOWER COUNTY --- 0.7 S ROME [33.96, -90.48]

04/03/10 02:00 CST	0.20M	Lightning
04/03/10 02:00 CST	0	Source: Emergency Manager

A house was struck by lightning and burned down, resulting in a total loss.

SUNFLOWER COUNTY --- 1.3 ESE RULEVILLE [33.72, -90.55]

04/03/10 02:05 CST	15K	Thunderstorm Wind (EG 50 kt)
04/03/10 02:05 CST	0	Source: Utility Company

A few power lines were blown down.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SUNFLOWER COUNTY --- 0.6 E INDIANOLA [33.45, -90.64]				
	04/03/10 02:18 CST		15K	Thunderstorm Wind (EG 50 kt)
	04/03/10 02:18 CST		0	Source: Utility Company
A few power lines were blown down.				
LEFLORE COUNTY --- 0.9 SE SCHLATER [33.64, -90.34], 1.9 SW MINTER CITY [33.71, -90.27]				
	04/03/10 02:20 CST		0.10M	Thunderstorm Wind (EG 78 kt)
	04/03/10 02:22 CST		0	Source: Emergency Manager
Wind damage was reported between the city of Schlater and Sunny Side Road. Three snapped power poles, 2 downed trees, an overturned irrigation pivot, and some overturned farm equipment were all noted.				
LEFLORE COUNTY --- 0.6 E MONEY [33.65, -90.21]				
	04/03/10 02:32 CST		30K	Thunderstorm Wind (EG 62 kt)
	04/03/10 02:32 CST		0	Source: Utility Company
Some power lines and a few power poles were blown down.				
LEFLORE COUNTY --- 0.6 W GREENWOOD [33.52, -90.19]				
	04/03/10 02:42 CST		35K	Thunderstorm Wind (EG 60 kt)
	04/03/10 02:42 CST		0	Source: Utility Company
A few power lines and some power poles were blown down.				
GRENADA COUNTY --- 0.7 S HOLCOMB [33.76, -89.98]				
	04/03/10 02:46 CST		20K	Thunderstorm Wind (EG 50 kt)
	04/03/10 02:46 CST		0	Source: Utility Company
A few power lines were reported down.				
GRENADA COUNTY --- 0.9 S GRENADA [33.77, -89.82], 1.0 WNW FUTHEYVILLE [33.79, -89.80]				
	04/03/10 02:58 CST		0.12M	Thunderstorm Wind (EG 53 kt)
	04/03/10 03:00 CST		0	Source: Law Enforcement
Numerous tree were blown down across town, especially the northwest part. Several power lines were down, along with some trees. A 40x40 section of roof of the medical complex building was torn off.				
CARROLL COUNTY --- 2.8 S CARROLLTON [33.46, -89.92]				
	04/03/10 03:04 CST		0	Thunderstorm Wind (EG 50 kt)
	04/03/10 03:04 CST		0	Source: Emergency Manager
A few trees were blown down near Highway 17.				
MONTGOMERY COUNTY --- 0.6 E DUCK HILL [33.63, -89.71]				
	04/03/10 03:13 CST		0	Thunderstorm Wind (EG 50 kt)
	04/03/10 03:13 CST		0	Source: Law Enforcement
A tree was reported down in Duck Hill.				
MONTGOMERY COUNTY --- 0.7 N WINONA [33.49, -89.73]				
	04/03/10 03:18 CST		35K	Thunderstorm Wind (EG 60 kt)
	04/03/10 03:18 CST		0	Source: Utility Company
A few power lines and power poles were down.				
CHOCTAW COUNTY --- 3.5 NE FRENCH CAMP [33.33, -89.35]				
	04/03/10 03:56 CST		10K	Thunderstorm Wind (EG 50 kt)
	04/03/10 03:56 CST		0	Source: Utility Company
Scattered trees and some power lines were blown down.				

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OKTIBBEHA COUNTY --- 2.7 NW BRADLEY [33.41, -89.01]				
	04/03/10 04:17 CST		10K	Thunderstorm Wind (EG 53 kt)
	04/03/10 04:17 CST		0	Source: Utility Company
A few trees and some power lines were blown down.				
SCOTT COUNTY --- 2.7 NE PULASKI [32.30, -89.57]				
	04/03/10 04:55 CST		0	Hail (1.00 in)
	04/03/10 04:55 CST		0	Source: Public
Some quarter sized hail was reported.				
SCOTT COUNTY --- 0.9 SE FOREST [32.36, -89.47]				
	04/03/10 05:05 CST		0	Hail (0.88 in)
	04/03/10 05:05 CST		0	Source: Public
A weather system brought showers and thunderstorms to the region. Some of these storms brought some wind damage and hail.				
WARREN COUNTY --- 2.8 SSW EAGLE BEND [32.48, -91.01]				
	04/23/10 12:00 CST		0	Hail (0.88 in)
	04/23/10 12:00 CST		0	Source: Public
Hail occurred for around 4 minutes.				
WARREN COUNTY --- 0.4 NW KATZENMEYER [32.52, -90.83]				
	04/23/10 12:15 CST		0	Hail (1.25 in)
	04/23/10 12:15 CST		0	Source: Public
RANKIN COUNTY --- VALUE [32.28, -90.00]				
	04/23/10 13:04 CST		0	Hail (0.88 in)
	04/23/10 13:04 CST		0	Source: Broadcast Media
MADISON COUNTY --- 1.5 SSW MADISON [32.45, -90.11]				
	04/23/10 13:10 CST		0	Hail (0.88 in)
	04/23/10 13:11 CST		0	Source: Public
Penny to nickel sized hail was reported between Madison and Gluckstadt, and in the Twin Harbors Subdivision.				
WASHINGTON COUNTY --- 1.1 E LELAND [33.40, -90.90]				
	04/23/10 14:05 CST		0	Hail (0.88 in)
	04/23/10 14:05 CST		0	Source: Emergency Manager
COVINGTON COUNTY --- 3.6 SW MT OLIVE [31.72, -89.72]				
	04/23/10 14:20 CST		0	Hail (1.00 in)
	04/23/10 14:20 CST		0	Source: Public
Nickel to quarter sized hail was reported on Leonard Road.				
MONTGOMERY COUNTY --- 0.9 NE KILMICHAEL [33.44, -89.57]				
	04/23/10 14:20 CST		0	Hail (0.88 in)
	04/23/10 14:20 CST		0	Source: Emergency Manager
COVINGTON COUNTY --- 0.9 NE MT OLIVE [31.76, -89.66]				
	04/23/10 14:25 CST		0	Hail (1.00 in)
	04/23/10 14:25 CST		0	Source: Public
Nickel to quarter sized hail was reported along Highway 49 in Mount Olive.				
SUNFLOWER COUNTY --- 2.5 S POLLOCK [33.39, -90.63]				

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	04/23/10 14:26 CST		2K	Hail (1.75 in)
	04/23/10 14:26 CST		0	Source: Public
Golf ball sized hail fell between Indianola and Inverness.				
ATTALA COUNTY --- 4.9 ENE NEWPORT [32.95, -89.69]				
	04/23/10 14:30 CST		0	Hail (1.00 in)
	04/23/10 14:32 CST		0	Source: Emergency Manager
SUNFLOWER COUNTY --- 0.9 SE MILROY [33.31, -90.59]				
	04/23/10 14:30 CST		0	Funnel Cloud
	04/23/10 14:30 CST		0	Source: Public
SUNFLOWER COUNTY --- 1.2 NNE INVERNESS [33.36, -90.59]				
	04/23/10 14:32 CST		0	Hail (1.00 in)
	04/23/10 14:32 CST		0	Source: Public
ATTALA COUNTY --- 3.9 S WAMBA [32.97, -89.63]				
	04/23/10 14:34 CST		0	Hail (1.00 in)
	04/23/10 14:34 CST		0	Source: Emergency Manager
ATTALA COUNTY --- 2.9 E WILLIAMSVILLE [33.03, -89.53]				
	04/23/10 14:43 CST		0	Hail (1.00 in)
	04/23/10 14:45 CST		0	Source: Public
LEFLORE COUNTY --- 1.2 NNE NICHOLS [33.34, -90.42], 1.5 SE PETEET [33.33, -90.38]				
	04/23/10 14:48 CST		50K	Tornado (EF1, L: 2.00 mi , W: 50 yd)
	04/23/10 14:51 CST		0	Source: Emergency Manager
Several power lines were downed and one power pole was snapped. The tornado touched down near Swiftown and crossed Mississippi Highway 7 near County Road 530.				
ATTALA COUNTY --- 2.9 SSE ETHEL [33.08, -89.45]				
	04/23/10 14:55 CST		0	Hail (1.00 in)
	04/23/10 14:55 CST		0	Source: Emergency Manager
LEFLORE COUNTY --- 1.1 E MORGAN CITY [33.38, -90.35]				
	04/23/10 14:57 CST		0	Hail (1.00 in)
	04/23/10 14:57 CST		0	Source: Public
ATTALA COUNTY --- 4.9 S MC COOL [33.13, -89.36]				
	04/23/10 15:00 CST		0	Hail (1.00 in)
	04/23/10 15:00 CST		0	Source: Public
MONTGOMERY COUNTY --- 0.9 NE KILMICHAEL [33.44, -89.57]				
	04/23/10 15:29 CST		0	Hail (1.00 in)
	04/23/10 15:29 CST		0	Source: Public
CARROLL COUNTY --- CARROLLTON [33.50, -89.92]				
	04/23/10 15:31 CST		0	Hail (0.88 in)
	04/23/10 15:31 CST		0	Source: Emergency Manager
NESHOBA COUNTY --- 2.8 NNE HOPE [32.79, -89.24]				
	04/23/10 15:31 CST		0	Hail (1.00 in)
	04/23/10 15:31 CST		0	Source: Public
NESHOBA COUNTY --- 1.0 SW SANDTOWN [32.79, -89.01]				

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	04/23/10 18:11 CST		0	Hail (1.00 in)
	04/23/10 18:11 CST		0	Source: Emergency Manager

A potent weather disturbance brought showers and thunderstorms to the region. Some of these storms produced hail up to the size of quarters. A tornado occurred on this date as well.

CLAY COUNTY --- 6.2 N ABBOTT [33.77, -88.77]

04/24/10 00:37 CST	0	Hail (1.00 in)
04/24/10 00:39 CST	0	Source: Law Enforcement

Quarter sized hail was reported in the Una Community.

LOWNDES COUNTY --- 1.4 S NEW HOPE [33.45, -89.32]

04/24/10 02:25 CST	0	Hail (1.00 in)
04/24/10 02:25 CST	0	Source: Law Enforcement

Quarter sized hail was reported at New Hope.

MARION COUNTY --- 7.7 ENE COLUMBIA MARION ARPT [31.35, -89.70]

04/24/10 05:22 CST	0	Hail (1.00 in)
04/24/10 05:22 CST	0	Source: Public

Dime to quarter sized hail was reported at West Improve.

LAMAR COUNTY --- SUMRALL [31.42, -89.55]

04/24/10 05:41 CST	0	Thunderstorm Wind (EG 52 kt)
04/24/10 05:41 CST	0	Source: Law Enforcement

An estimated 60 mph wind gust was reported at Sumrall.

BOLIVAR COUNTY --- 3.6 NNW WAXHAW [33.97, -91.01]

04/24/10 05:54 CST	0	Hail (1.00 in)
04/24/10 05:54 CST	0	Source: Emergency Manager

LINCOLN COUNTY --- 1.7 S ENTERPRISE [31.45, -90.38]

04/24/10 06:30 CST	0	Hail (1.00 in)
04/24/10 06:30 CST	0	Source: Emergency Manager

BOLIVAR COUNTY --- 1.7 ESE ROSEDALE [33.84, -91.02]

04/24/10 06:53 CST	1K	Hail (1.75 in)
04/24/10 06:54 CST	0	Source: Emergency Manager

Slightly larger than golf ball sized hail was reported at Rosedale.

LAWRENCE COUNTY --- 3.1 N WANILLA [31.68, -90.12]

04/24/10 06:57 CST	0	Hail (1.00 in)
04/24/10 06:57 CST	0	Source: Emergency Manager

BOLIVAR COUNTY --- 3.1 SSE GUNNISON [33.91, -90.92]

04/24/10 07:02 CST	0	Hail (1.00 in)
04/24/10 07:04 CST	0	Source: Emergency Manager

Quarter sized hail covered the ground at Gunnison.

SIMPSON COUNTY --- 2.3 SSE SHIVERS [31.77, -89.98], 0.9 E SHIVERS [31.80, -89.99]

04/24/10 07:10 CST	15K	Thunderstorm Wind (EG 55 kt)
04/24/10 07:12 CST	0	Source: Public

Several trees were blown down along Highway 43 and some sheds were damaged.

RANKIN COUNTY --- 2.1 ESE ROOK HILL [32.17, -89.90]

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	04/24/10 07:11 CST		0	Hail (1.00 in)
	04/24/10 07:13 CST		0	Source: Emergency Manager

Nickel to Quarter sized hail was reported southeast of Brandon.

SIMPSON COUNTY --- 1.8 S WEATHERSBY [31.90, -89.83]

04/24/10 07:25 CST	0	Hail (1.25 in)
04/24/10 07:26 CST	0	Source: Emergency Manager

SMITH COUNTY --- 0.6 E RALEIGH [32.03, -89.52]

04/24/10 07:42 CST	10K	Thunderstorm Wind (EG 50 kt)
04/24/10 07:44 CST	0	Source: Law Enforcement

Trees were blown down at Raleigh.

SMITH COUNTY --- 2.1 S RALEIGH [32.00, -89.52], 0.8 ENE RALEIGH [32.03, -89.52]

04/24/10 07:42 CST	3K	Hail (1.75 in)
04/24/10 07:48 CST	0	Source: Emergency Manager

Quarter to Golf ball sized hail was reported at Raleigh.

SMITH COUNTY --- 9.0 SW RALEIGH [31.94, -89.64], 2.1 E RALEIGH [32.03, -89.50]

04/24/10 07:43 CST	40K	Tornado (EF1, L: 10.69 mi , W: 50 yd)
04/24/10 07:58 CST	0	Source: NWS Storm Survey

This EF1 tornado had a path length of 10 miles and a width of 50 yards. Many small trees were snapped with a couple large hardwood trees uprooted. Maximum winds were around 95 mph.

SMITH COUNTY --- 0.7 SE PINEVILLE [32.12, -89.39]

04/24/10 08:00 CST	1K	Hail (1.75 in)
04/24/10 08:00 CST	0	Source: Emergency Manager

Golf ball sized hail was reported at Pineville.

JASPER COUNTY --- 3.2 NW MOSS HILL [32.16, -89.11], 5.5 NNE ROSE HILL [32.22, -88.97]

04/24/10 08:22 CST	0.40M	Tornado (EF2, L: 9.72 mi , W: 1056 yd)
04/24/10 08:34 CST	0.60M	Source: NWS Storm Survey

This tornado touched down just to the northeast of Montrose near County Road 2414, in Jasper County. This tornado tracked across 3 counties before it dissipated just before it reached Meridian. Along the path, it produced major structural roof damage to a church. Shingles and siding were blown off of a house. An outbuilding was destroyed along with damage to a grain silo. Thousands of large softwood and hardwood trees were snapped and uprooted. In addition, numerous power lines were blown down. This EF2 tornado had a total path length of 23 miles and a width of 0.6 miles. Maximum winds were around 125 mph.

NEWTON COUNTY --- 7.0 SSW CHUNKY [32.22, -88.97], 4.9 S CHUNKY [32.25, -88.91]

04/24/10 08:34 CST	0.20M	Tornado (EF2, L: 3.63 mi , W: 1056 yd)
04/24/10 08:40 CST	0.10M	Source: NWS Storm Survey

This tornado touched down just to the northeast of Montrose near county road 2414, in Jasper County. This tornado tracked across 3 counties before it dissipated just before it reached Meridian. Along the path, it produced major structural roof damage to a church. Shingles and siding were blown off of a house. An outbuilding was destroyed along with damage to a grain silo. Thousands of large softwood and hardwood trees were snapped and uprooted. In addition, numerous power lines were blown. This EF2 tornado had a total path length of 23 miles and a width of 0.6 miles. Maximum winds were around 125 mph.

MARION COUNTY --- 0.7 N COLUMBIA [31.26, -89.83]

04/24/10 08:36 CST	50K	Thunderstorm Wind (EG 50 kt)
04/24/10 08:36 CST	0	Source: Emergency Manager

A tree was blown down on a house and a power line was down in Columbia. A shed was also damaged in this area.

LAUDERDALE COUNTY --- 5.2 SSW POINT [32.25, -88.91], 1.9 SSW (MEI)KEY FLD MERIDIA [32.31, -88.76]

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	04/24/10 08:40 CST		0.65M	Tornado (EF2, L: 9.54 mi , W: 1056 yd)
	04/24/10 08:52 CST		0.30M	Source: NWS Storm Survey

This tornado touched down just to the northeast of Montrose near County Road 2414, in Jasper County. This tornado tracked across 3 counties before it dissipated just before it reached Meridian. Along the path, it produced major structural roof damage to a church. Shingles and siding were blown off of a house. An outbuilding was destroyed along with damage to a grain silo. Thousands of large softwood and hardwood trees were snapped and uprooted. In addition, numerous power lines were blown down. This EF2 tornado had a total path length of 23 miles and a width of 0.6 miles. Maximum winds were around 125 mph.

JEFFERSON DAVIS COUNTY --- 3.4 ESE BASSFIELD [31.48, -89.70], 0.5 WSW MELBA [31.45, -89.66]

04/24/10 08:41 CST	15K	Thunderstorm Wind (EG 60 kt)
04/24/10 08:43 CST	0	Source: Emergency Manager

Numerous trees were blown down southeast of Bassfield.

LAMAR COUNTY --- SUMRALL [31.42, -89.55]

04/24/10 08:48 CST	0	Thunderstorm Wind (EG 52 kt)
04/24/10 08:48 CST	0	Source: Law Enforcement

Estimated 60 mph winds were reported at Sumrall.

LAMAR COUNTY --- 0.9 SE PURVIS [31.14, -89.41]

04/24/10 09:00 CST	0	Hail (1.00 in)
04/24/10 09:00 CST	0	Source: Emergency Manager

Nickel to quarter sized hail was reported in Purvis. Also some small limbs were blown down.

LAMAR COUNTY --- 0.9 SE PURVIS [31.14, -89.41]

04/24/10 09:00 CST	0.15M	Thunderstorm Wind (EG 58 kt)
04/24/10 09:02 CST	0	Source: Emergency Manager

Some trees were blown down along with some damage to a few commercial buildings.

FORREST COUNTY --- 4.0 S ROCK HILL [31.02, -89.33]

04/24/10 09:12 CST	0	Hail (1.50 in)
04/24/10 09:14 CST	0	Source: Emergency Manager

FORREST COUNTY --- 0.9 NE CARNES [30.99, -89.26]

04/24/10 09:20 CST	0	Thunderstorm Wind (EG 50 kt)
04/24/10 09:20 CST	0	Source: Emergency Manager

A couple of trees were blown down across a road in the Carnes Community southeast of Rockhill.

JONES COUNTY --- 1.0 WNW LAUREL [31.70, -89.15], 1.3 NE LAUREL [31.71, -89.11], 1.2 SE LAUREL [31.69, -89.12], 1.5 NE (LUL)HESLER FLD LAUR [31.68, -89.15]

04/24/10 09:45 CST	5K	Flash Flood (due to Heavy Rain)
04/24/10 10:30 CST	0	Source: Emergency Manager

Locally heavy rainfall caused drains to back up which resulted in several streets being under water.

CLARKE COUNTY --- 4.8 WNW SHUBUTA [31.87, -88.78]

04/24/10 10:00 CST	2K	Thunderstorm Wind (EG 50 kt)
04/24/10 10:00 CST	0	Source: Emergency Manager

A few trees were blown down west of Shubuta.

ISSAQUENA COUNTY --- 1.1 ENE HARDEE [32.60, -90.85]

04/24/10 10:44 CST	0	Thunderstorm Wind (EG 70 kt)
04/24/10 10:44 CST	0	Source: Public

An 80 mph wind gust was reported in the rear flank downdraft from the supercell storm which produced the long track tornado. The storm chasers were positioned along US Highway 61, just north of the Warren/Issaquena County line.

Storm Data and Unusual Weather Phenomena - April 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
OKTIBBEHA COUNTY --- 4.4 NNW STARKVILLE [33.53, -88.85], 3.1 N OSBORN [33.56, -88.74]				
	04/24/10 13:09 CST		0.65M	Tornado (EF2, L: 6.98 mi , W: 800 yd)
	04/24/10 13:16 CST		0	Source: NWS Storm Survey
One mobile home was destroyed and 20 homes were damaged along Sun Creek and Mitchell roads. Three power poles were snapped along with numerous trees snapped and uprooted. A barn was also damaged along the path. Maximum winds were around 115 mph.				
CLAY COUNTY --- 2.9 SSE WHITES [33.63, -88.60], 3.8 ESE WHITES [33.64, -88.57]				
	04/24/10 13:28 CST		80K	Tornado (EF2, L: 1.87 mi , W: 300 yd)
	04/24/10 13:30 CST		0	Source: NWS Storm Survey
This tornado touched down near Barton Ferry Road and tracked northeast for a short distance. Three sets of metal power poles were blown down in a field off Barton Ferry Road. Several trees and power lines were also blown down along with an outbuilding destroyed. Maximum winds were around 115 mph.				
CLAY COUNTY --- 1.1 NE CEDARBLUFF [33.59, -88.84]				
	04/24/10 13:38 CST		0	Hail (1.00 in)
	04/24/10 13:38 CST		0	Source: Public
OKTIBBEHA COUNTY --- 3.2 NW BRADLEY [33.42, -89.01]				
	04/24/10 14:08 CST		0	Hail (1.25 in)
	04/24/10 14:08 CST		0	Source: Public
OKTIBBEHA COUNTY --- 1.1 NW PATRICK [33.49, -88.79]				
	04/24/10 14:19 CST		0	Hail (1.25 in)
	04/24/10 14:19 CST		0	Source: Trained Spotter
CLAY COUNTY --- 2.3 ENE WEST PT MC CHAREN AR [33.59, -88.61]				
	04/24/10 14:37 CST		0	Hail (1.00 in)
	04/24/10 14:37 CST		0	Source: Law Enforcement
WINSTON COUNTY --- 2.9 SSE LOUISVILLE [33.09, -89.03]				
	04/24/10 14:39 CST		0	Hail (1.00 in)
	04/24/10 14:39 CST		0	Source: Emergency Manager
Quarter sized hail was reported southeast of Louisville.				
WINSTON COUNTY --- 5.2 SE LOAKFOMA [33.19, -88.85]				
	04/24/10 14:53 CST		0	Hail (1.00 in)
	04/24/10 14:53 CST		0	Source: Law Enforcement
NOXUBEE COUNTY --- 1.3 SSE LYNN CREEK [33.21, -88.74]				
	04/24/10 15:01 CST		0	Hail (1.50 in)
	04/24/10 15:01 CST		0	Source: Emergency Manager
LOWNDES COUNTY --- 2.8 N FORRESTON [33.36, -88.32]				
	04/24/10 15:30 CST		10K	Hail (2.50 in)
	04/24/10 15:33 CST		0	Source: Public
Tennis ball sized hail was reported south of New Hope.				
NOXUBEE COUNTY --- 1.7 NE MC LEOD [33.12, -88.45]				
	04/24/10 16:00 CST		0	Hail (1.00 in)
	04/24/10 16:00 CST		0	Source: Public
NOXUBEE COUNTY --- 1.9 N AUBREY [33.18, -88.33]				
	04/24/10 16:14 CST		0	Hail (1.00 in)
	04/24/10 16:14 CST		0	Source: Public

Storm Data and Unusual Weather Phenomena - April 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAUDERDALE COUNTY --- 1.9 NE MARTIN [32.57, -88.83], 2.8 NE MARTIN [32.58, -88.82]				
	04/24/10 18:32 CST		0.15M	Tornado (EF1, L: 0.96 mi , W: 100 yd)
	04/24/10 18:35 CST		0	Source: NWS Storm Survey
This tornado touched down along Brown Road and tracked across Townsend Byrd Road before moving into Kemper County. Several homes were damaged along Frasier Grove Road as the tornado tracked to the northeast. The tornado also damaged or destroyed 4 barns, a shed, and uprooted numerous medium to large trees. Maximum winds were around 105 mph.				
KEMPER COUNTY --- 4.4 SE RIO [32.58, -88.82], 1.5 SW KLONDIKE [32.60, -88.77]				
	04/24/10 18:35 CST		0.30M	Tornado (EF1, L: 3.36 mi , W: 100 yd)
	04/24/10 18:39 CST		0	Source: NWS Storm Survey
This tornado touched down along Brown Road and tracked across Townsend Byrd Road before moving into Kemper County. Several homes were damaged along Frasier Grove Road as the tornado tracked to the northeast. The tornado also damaged or destroyed 4 barns, a shed, and uprooted numerous medium to large trees. Maximum winds were around 105 mph.				
A powerful spring storm system moved across the region on April 24th and brought an outbreak of severe storms and tornadoes to the area. The most powerful and destructive storm during this event was the long track EF4 tornado which ripped a 149 mile path across the forecast area. In addition to this violent tornado, many other storms became severe and produced 5 additional tornadoes along with numerous reports of quarter to golf ball sized hail. Of the 5 tornadoes, 3 of these were strong (EF2) and occurred across, Jasper, Newton, Lauderdale, Oktibbeha, and Clay Counties.				
WARREN COUNTY --- 4.7 SW BRUNSWICK [32.50, -91.12], 3.3 NE EAGLE BEND [32.56, -90.96]				
	04/24/10 10:25 CST		0.92M	Tornado (EF2, L: 9.93 mi , W: 900 yd)
	04/24/10 10:32 CST	2	0.50M	Source: NWS Storm Survey
The tornado crossed the Mississippi River and entered northwest Warren County at Eagle Lake. Roughly, thirty homes were damaged or destroyed in this area along with 13 mobile homes. In addition to the damaged structures, hundreds of trees were snapped and uprooted along with many power lines taken down. The damage across this part of Warren County was in the EF2 range with maximum winds around 130 mph.				
ISSAQUENA COUNTY --- 6.2 WSW HARDEE [32.56, -90.96], 8.0 ENE VALLEY PARK [32.66, -90.74]				
	04/24/10 10:32 CST		0.10M	Tornado (EF2, L: 15.04 mi , W: 1100 yd)
	04/24/10 10:48 CST		2M	Source: NWS Storm Survey
The tornado moved into Issaquena County from Warren County and mainly tracked across forested portions of the county. The tornado did track across US Highway 61 just a couple miles south of Valley Park. Thousands of trees were snapped and uprooted along the path with one abandoned agricultural building destroyed. The tornado had EF2 intensity with 130 mph winds across Issaquena County.				
SHARKEY COUNTY --- 4.7 S LUCRE [32.66, -90.74], 3.6 SE LUCRE [32.70, -90.68]				
	04/24/10 10:48 CST		0	Tornado (EF2, L: 4.33 mi , W: 1100 yd)
	04/24/10 10:53 CST		2M	Source: Park/Forest Service
The path of the tornado clipped the far southeast corner of Sharkey County in the Delta National Forest. Considerable damage occurred to the timber along the path as it moved into western Yazoo County. The tornado reached EF2 intensity before moving into western Yazoo County with peak winds around 130 mph.				
YAZOO COUNTY --- 5.0 WSW ENOLA [32.70, -90.68], 3.4 NNW FORDYKE [32.95, -90.15]				
	04/24/10 10:53 CST	4	0.14B	Tornado (EF4, L: 34.85 mi , W: 3080 yd)
	04/24/10 11:33 CST	53	4M	Source: NWS Storm Survey
The tornado moved out of extreme southeast Sharkey County and into west central Yazoo County and gained intensity as it tracked northeast. The tornado caused significant home damage northwest of Satartia, and again as it crossed Highway 3 near the Crupp Community. The tornado then moved through a rural area southwest of Yazoo City, causing major damage or destruction of a number of homes, as well as intense tree damage. As the tornado approached the intersection of US Highway 49 and Highway 16, on the south side of Yazoo City, it reached its widest point and maximum intensity. Here the rating peaked at EF4 with maximum winds around 170 mph. The tornado had a maximum width of 1.75 miles. Several buildings, including a church and several businesses, were totally destroyed. The tornado continued moving through residential areas on the southeast side of Yazoo City, heavily damaging or destroying numerous homes. The tornado continued northeast through rural northeastern Yazoo County before it tracked into Holmes County.				
A total of four fatalities occurred in Yazoo County. All of the fatalities were individuals who were in mobile homes.				
Direct Fatalities: F79MH, M64MH, M51MH, F31MH				
HOLMES COUNTY --- 1.5 ESE ZEIGLERVILLE [32.95, -90.15], 2.7 E DURANT [33.08, -89.82]				

Storm Data and Unusual Weather Phenomena - April 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	04/24/10 11:33 CST	1	60M	Tornado (EF4, L: 21.25 mi , W: 2600 yd)
	04/24/10 11:57 CST	40	4M	Source: NWS Storm Survey

The tornado continued northeast into rural southern Holmes County, causing intense tree damage and damaging or destroying a number of rural residences. The damage across this area was in the EF3 range. As the tornado moved by the Franklin Community, in rural Holmes county, it again reached EF4 intensity. It completely destroyed two brick homes and heavily damaged or destroyed a number of other homes. The tornado then crossed Interstate 55, causing significant tree damage and blowing a number of vehicles off the road. As the tornado approached the area just south of Durant and crossed US Highway 51, it narrowed and reached one of its weakest points. One fatality occurred in Holmes County.

Direct Fatalities: M70MH

ATTALA COUNTY --- 3.5 N BOYETTE [33.08, -89.82], 6.0 N MC COOL [33.29, -89.37]

04/24/10 11:57 CST	60M	Tornado (EF2, L: 30.10 mi , W: 1920 yd)
04/24/10 12:28 CST	4M	Source: NWS Storm Survey

The tornado then moved into western Attala County from just east of Durant in Holmes County. The tornado re-intensified somewhat and began causing significant tree damage in rural western Attala County. The tornado continued across Attala County, causing tree and power line damage, and heavily damaging a number of rural residences, including in the community of Hesterville. The tornado continued to the northeast and crossed the Natchez Trace Parkway. Here numerous trees were damaged and thrown across the Parkway. The maximum intensity in Attala County was EF2 with maximum winds around 130 mph.

CHOCTAW COUNTY --- 2.2 ESE FRENCH CAMP [33.29, -89.37], 3.7 ESE REFORM [33.41, -89.09]

04/24/10 12:28 CST	5	90M	Tornado (EF3, L: 18.25 mi , W: 1883 yd)
04/24/10 12:50 CST	35	6M	Source: NWS Storm Survey

The tornado moved into Choctaw County and crossed Black Road around 128 pm. Here, minor damage occurred to a brick home. Tree damage in this area was more substantial and was in the upper EF2 range. Thousands of trees were uprooted and snapped. Many trees were also splintered in this area. The tornado then crossed Highway 413, just east of French Camp. The tornado reached high end EF3 intensity at this point and produced significant structural damage to a number of structures. Wind speeds ranged from 155 to 165 mph at this location. Three well built brick homes were nearly flattened with only 1 outer wall left standing. Other well built structures sustained major damage to the roof. The Crossroads Grocery was destroyed as the cinder-block structure collapsed on itself. Several vehicles were thrown in this area including a semi-truck. A cell tower was snapped in half. The intense damage continued along the track across Stuart-Weir Road and White Road. Several more structures were severely damaged or destroyed in this area along with significant devastation to timber. Along Pisgah and Dotson Roads, some of the most severe damage occurred and this was the location of the 5 fatalities. Here, dozens of mobile homes and conventional foundation homes were destroyed. Multiple vehicles were thrown with a few landing in trees. The widest part of the tornado was in this general area where it was 1.07 miles wide. The EF3 intensity damage occurred for about 4 miles. The tornado weakened as it tracked toward the Chester Community and crossed Weir-Salem Road and Chester-Mills Road. Here the damage was mostly tree damage with a dozen of homes or so receiving minor to major damage. Some homes had a small portion of roof torn off or shingles peeled away. One well built home was shifted off the foundation with a portion of the back of the home collapsed. Again, timber damage was significant with a large area of pine forest heavily damaged. EF2 damage was noted there. The tornado continued through Chester and toward Highway 9 and Highway 15. Here mainly EF1 tree damage occurred. The only exception was at and just to the east of the intersection with Highway 9 and Highway 790. Here some low end EF2 tree damage was noted. The tornado then crossed Highway 15 and continued just along and to the south of Macedonia Road. EF1 tree damage occurred in this area as well. The tornado continued into Oktibbeha County just east of the Reform-Sturgis Road.

Direct Fatalities: F0MH, F9OU, F14OU, F58VE, M58VE

OKTIBBEHA COUNTY --- 4.9 NNW STURGIS [33.41, -89.09], 5.1 NNW BUGH [33.43, -89.04]

04/24/10 12:50 CST	15K	Tornado (EF1, L: 2.87 mi , W: 800 yd)
04/24/10 12:53 CST	20K	Source: NWS Storm Survey

The tornado moved into west-central Oktibbeha County and tracked along Big Creek Road and Simmons Road before dissipating at Sturgis-Maben Road about 5 miles north of Sturgis. Many trees were snapped and uprooted as the long-track tornado came to an end.

During the midday hours of April 24th, an intense supercell thunderstorm produced a violent, long track tornado, which ripped a path across the center of the NWS Jackson, MS forecast area. This tornado touched down just south of I-20, west of Tallulah, in Madison Parish. The tornado intensified quickly and became large as it tracked at a fast pace to the northeast. The tornado moved at roughly 55 mph and was on the ground for 149 miles. The actual time on the ground was 2 hours and 44 minutes. The tornado touched 9 counties/parishes along it's path with the most significant damage occurring in Madison Parish, Warren, Yazoo, Holmes, Attala and Choctaw Counties. A great deal of the damage was in the EF2 and EF3 range with a couple locations of EF4 damage in Yazoo and Holmes Counties. Maximum winds peaked around 170 mph. Overall, 10 fatalities occurred along with 146 injuries. Five fatalities occurred in Choctaw County, 4 in Yazoo County, and 1 in Holmes County.

As we try and put this tornado into perspective for the state of Mississippi, this long track tornado ranks as the 4th longest in Mississippi history at 149 miles. It is the widest known tornado with a maximum width of 1.75 miles. It also ranks as the 9th deadliest tornado with 10 fatalities, making it the most deadly since November 21st 1992. Lastly, this was the first violent tornado (F4 or greater) in the month of April since April 18th, 1978.

Storm Data and Unusual Weather Phenomena - April 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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Debris from a destroyed home in the Eagle Lake Community. Damage occurred from the April 24th, 2010, long-track EF-4 tornado. Photo courtesy of NWS Jackson, MS.

CARROLL COUNTY --- 2.7 WSW BEATTY [33.25, -89.79], 1.6 NNW CARROLL [33.39, -89.76], 5.3 ENE CARROLL [33.40, -89.66], 4.1 ENE BEATTY [33.30, -89.69]

04/30/10 19:00 CST	75K	Flash Flood (due to Heavy Rain)
04/30/10 20:10 CST	0	Source: Law Enforcement

Locally heavy rainfall, between 3 and 5 inches, fell around and just east of Vaiden. Several streets around town were flooded along with a few others just outside of town.

MONTGOMERY COUNTY --- 1.5 WNW SIBLEYTON [33.44, -89.55]

04/30/10 19:27 CST	0	Hail (1.00 in)
04/30/10 19:27 CST	0	Source: Public

MONTGOMERY COUNTY --- 3.0 SSE SIBLEYTON [33.39, -89.50], 2.6 SW KILMICHAEL [33.40, -89.61], 1.7 N HENDRIX SIDING [33.49, -89.63], 3.4 SSE LODI [33.50, -89.52]

04/30/10 20:14 CST	50K	Flash Flood (due to Heavy Rain)
04/30/10 21:10 CST	0	Source: Emergency Manager

Several county roads in and near Kilmichael were flooded. A few of the roads in the city were impassable, and some were washed out.

Storm Data and Unusual Weather Phenomena - April 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
WEBSTER COUNTY --- 1.1 ESE EUPORA [33.52, -89.26], 3.0 WNW PELLEZ [33.49, -89.43], 0.7 S CADARETTA [33.69, -89.45], 1.6 W MONTEVISTA [33.70, -89.28], 2.3 E WALTHALL [33.60, -89.24]				
	04/30/10 20:30 CST		0.13M	Flash Flood (due to Heavy Rain)
	04/30/10 21:14 CST		0	Source: Emergency Manager

Numerous roads were flooded across the county with many roads washed out. District 2 was the hardest hit which covers most of the central section of the county. Four to 6 inches of rain was measured in this area.

WEBSTER COUNTY --- 0.7 N CLARKSON [33.64, -89.15]				
	04/30/10 20:45 CST		0	Thunderstorm Wind (EG 50 kt)
	04/30/10 20:52 CST		0	Source: Public

A couple trees were blown down near the Clarkson Community.

A warm front pushed north across the region during the afternoon and evening of April 30th. As this occurred, thunderstorms developed across portions of north-central Mississippi and produced locally heavy rainfall and some severe weather. Flash flooding occurred across portions of Carroll, Montgomery, and Webster Counties along with a few occurrences of hail and wind damage.

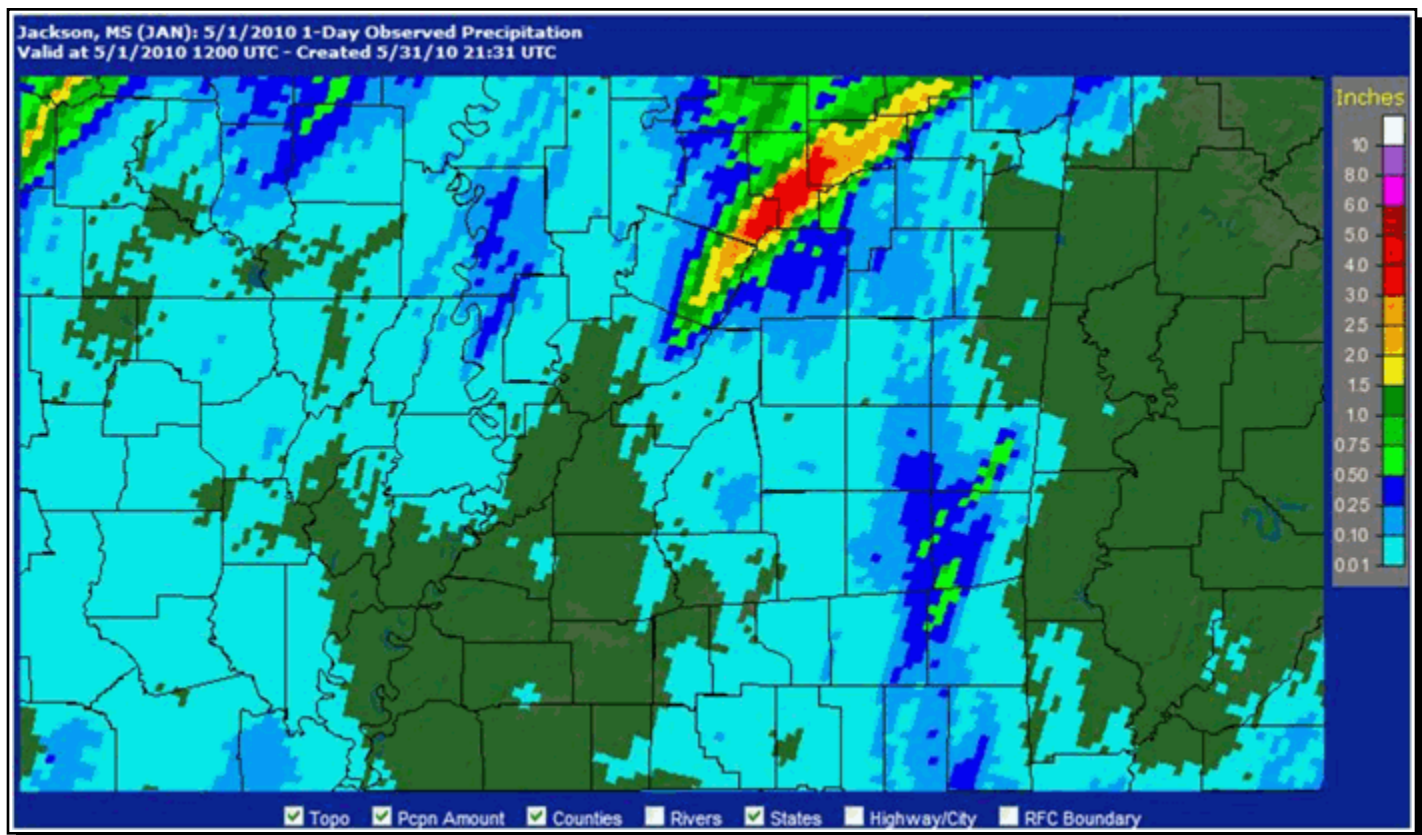


Image of rainfall totals for the evening of April 30th, 2010, across north-central Mississippi.